AMERICAN ORTHOPTIC JOURNAL

OFFICIAL JOURNAL OF AMERICAN ASSOCIATION OF CERTIFIED ORTHOPTISTS

Volume 47, 1997

TABLE OF CONTENTS

Editorial: *Roab* ..... **vi**

Editorial: *Clark* ..... **vi**

Editorial: *France* ..... **vii**

Symposium: Management of Infantile Cataracts

Introduction **1**
Cynthia W. Avilla, C.O.

Infantile Cataracts: Indications for Systemic and Genetic Workup **2**
Arlene V. Drack, M.D.

Evaluation of Lens Opacity: Do I Operate or Not? Why? **8**
Kenneth W. Wright, M.D. and Laurie Christensen, M.D.

Surgical Choices: How Does the Infant Eye Differ from the Adult's: The Role of the Intraocular Lens **12**
Forest D. Ellis, M.D.

Post-Operative Refractive Correction and Contact Lens Fitting in the Aphakic Patient **17**
Eileen Harrell, C.O., C.O.M.T.

Amblyopia Treatment in the Infant Cataract Patient **23**
Katherine J. Fray, C.O.

Functional Outcome of Monocular and Binocular Congenital Cataract Part I: Visual Acuity **29**
Judy H. Seaber, Ph.D. and Edward G. Buckley, M.D.

Functional Outcome of Monocular and Binocular Congenital Cataract Part II: Binocularity **39**
David J. Hodgetts, C.O., C.O.M.T.

Glaucoma: Long Term Complications of Infantile Aphakia **47**
David S. Walton, M.D.

Childhood Cataract: A World-Wide Perspective **53**
Louis Pizzarello, M.D., M.P.H.

Conclusion **59**
Cynthia W. Avilla, C.O.

Richard G. Scobee Memorial Lecture

Accommodation and Accommodative Esotropia: Where Mysteries Abound **60**
Jacqueline W. Frank, C.O.

Pediatric Ocular Disease in Africa—Or How I Met Gunter von Noorden **72**
Paul G. Steinkuller, M.D.

Topical Suture Adjustment vs. Post-Operative Adjustments in Strabismus 78
Malcolm L. Mazow, M.D., Lindsay Arnoult, Mark N. Longo, M.D. and Thomas Prager, Ph.D.

Does Amblyopia Protect Against Age-Related Maculopathy 86
Emilio C. Campos, M.D., Costantino Schiavi, M.D. and Alessandra Baldi, M.D.

The Tilt of the Lancaster Chart: An Indirect Qualitative and Probably Quantitative Sign of Cyclodeviation 91
Annette Spielmann, M.D. and Alain C. Spielmann, M.D.

Stereopsis in Congenital Esotropia 99
Marshall M. Parks, M.D.

Full Time Alternate Occlusion Prevents Abnormal Binocular Development and is a Safe Delaying Mechanism 103
Arthur Jampolsky, M.D.

Luminance and the Neutral Density Filter in the Classification of Amblyopia 109
Leslie Weingeist France, C.O.

Anterior Transposition of the Inferior Oblique Muscles 118
Mark S. Ruttum, M.D.

Recognition Time After Four Muscle Recession for Nystagmus 122
Derek T. Sprunger, M.D., Badia Fahad, M.D. and Eugene M. Helveston, M.D.

Strabismus as a Complication of "Cuba Therapy" for Retinitis Pigmentosa 126
Jan-Tjeerd H. N. de Faber, M.D., Karin Verhoeff, C.O. and Miriam A. Langeslag, C.O.

Asymmetric Bilateral Fourth Nerve Palsies: Observations and Considerations 129
Gill Roper-Hall, D.B.O.T., C.O., C.O.M.T. and Sophia M. Chung, M.D.

Culturally Adjusted Picture Acuity Cards 136
Kimberley A. Beaudet, C.O., C.O.M.T., Larry Baitch, O.D., Ph.D. and David T. Wheeler, M.D.

Distance Stereoacuity in Children and Teenagers with Normal Near Stereoacuity 144
Ashish M. Mehta, M.D. and Thomas D. France, M.D.

Esotropia Following Traumatic Cataract 148
Arif Khan, M.D., Sandy Ingoglia, C.O. and Edward Raab, M.D.

Delayed Adjustment in Strabismus Surgery with a Silicone Sheet versus Early Adjustment 152
Felisa Shokida, M.D., Nélida Melek, M.D., Daniel Dominguez, M.D., and Alberto Ciancia, M.D.

Surgical Management of the Congenital Fibrosis Syndrome 157
Michael C. Brodsky, M.D.

The Field of Binocular Vision as Tested on the Goldmann Perimeter 164
Terry Kaban, B.Sc., O.C.(C), Kathy Smith, O.C. (C), C.O.M.T., and R. B. Orton, M.D.

Diplopia in Pseudophakes—Case Presentation and Review of Anisometropic Adaptation 172
Joan Parkinson, B.A., C.O., C.O.M.T. and Karen McMain, B.A., O.C. (C), C.O.M.T.

Alterations of Ocular Motility in Down Syndrome 181
Adriana Fabiola Becerril-Carmona, M.D., Maria Estela Arroyo-Yllanes, M.D. and Miguel Paciuc-Beja, M.D.

A Cyclic Esotropia with a Three Month-Cycle Combined with a 24 to 72 Hour-Cycle **189**
Yoneko Shin, C.O. and Keizo Chiba, M.D.

Visual Perseverance—Palinopsia: A Type of Binocular Problem **197**
Larisa Heiser, C.O., Sara Shipman, C.O. and Kenneth Cohen, M.D.

Case Report
Successful Occlusion Therapy of Anisometropic Amblyopia **200**
John W. Simon, M.D. and Kimberly C. Couture

Case Corner **202**
Jacqueline W. Frank, C.O.

Book Reviews
The History of Ophthalmology **207**
Daniel M. Albert, M.D. and Diane D. Edwards, M.S.

Dictionary of Eye Terminology **208**
Barbara Cassin, C.O., C.O.M.T. and Sheila A. B. Solomon

Certified Ophthlamic Assistant (Exam Review Manual) **209**
Janice K. Ledford, C.O.M.T.

Abstracts of the Ophthalmic Literature **210**

Members of the 1997 American Orthoptic Council **240**

1997 American Orthoptic Council Committees **241**

American Association of Certified Orthoptists **244**